

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**Declaration and Power of Attorney**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled "ELECTRONIC DEVICE HAVING A BARRIER REGION INCLUDING ALUMINUM AND A METHOD OF MANUFACTURE THEREFOR," the specification of which was filed on January 08, 2001.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose to all information known to me which is material to the patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>NUMBER</u>	<u>COUNTRY</u>	<u>DATE FILED</u>	<u>PRIORITY CLAIMED</u>
	None		

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<u>US/PCT Serial Num</u>	<u>Date Filed</u>	<u>Status</u>
None		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Lester H. Birnbaum	(Reg. No. 25,830)
Richard J. Botos	(Reg. No. 32,016)
Gerard A. deBlasi	(Reg. No. 34,149)
Anthony Grillo	(Reg. No. 36,535)
Mark A. Kurisko	(Reg. No. 38,944)
Robert P. Marley	(Reg. No. 32,914)
Scott W. McLellan	(Reg. No. 30,776)
Geraldine Monteleone	(Reg. No. 40,097)
Scott J. Rittman	(Reg. No. 39,010)
Ferdinand M. Romano	(Reg. No. 32,752)
David L. Smith	(Reg. No. 30,592)
John P. Veschi	(Reg. No. 39,058)

I hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of first inventor: Michael Geva

Inventor's signature: Michael Geva Date: 5/1/01

Residence: City of ~~Pasadena~~ Sierra Madre  
County of Los Angeles  
State of California

Citizenship: United States of America

Post Office Address: ~~170 E. Walnut Street, Apt. 309~~  
~~Pasadena, California 91103~~  
2025 Liliapo Drive  
Sierra Madre, CA 91024

Full name of second inventor: Jayatirtha N. Holavanahalli

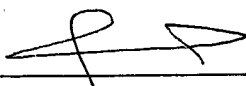
Inventor's signature: Jayatirtha Holavanahalli Date: 04/08/01

Residence: City of Macungie  
County of Lehigh  
State of Pennsylvania

Citizenship: United States of America

Post Office Address: W. Chestnut Street, Apt. 102  
Macungie, Pennsylvania 18062

Full name of third inventor: Abdallah Ougazzaden

Inventor's signature:  Date: 04/03/2001

Residence: ~~City of Emmaus~~ 7920 Cross Creek Circle  
~~County of Lehigh~~ 18038 Breinigsville  
State of Pennsylvania PA

Citizenship: United States of America

Post Office Address: ~~1015 J. Cold Stream Circle~~  
~~Emmaus, Pennsylvania 18049~~

Full name of fourth inventor: Lawrence E. Smith

Inventor's signature: Lawrence E. Smith Date: 4/3/2001

Residence: City of Macungie  
County of Lehigh  
State of Pennsylvania

Citizenship: United States of America

Post Office Address: 8346 South Ridge Drive  
Macungie, Pennsylvania 18062

ATTACHMENT A

Attorney Name(s):

David H. Hitt	Registration No. 33,182
Charles W. Gaines	Registration No. 36,804
Glenn W. Boisbrun	Registration No. 39,615
Robert R. Axenfeld	Registration No. 37,276
Mark E. Kelley	Registration No. 45,857
Greg H. Parker	Registration No. 44,995
Jimmy L. Heisz	Registration No. 38,914

Telephone calls should be made to Charles W. Gaines of HITT GAINES & BOISBRUN, P.C. at:

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Fax No.: (972) 480-8865

All written communications are to be addressed to:

Charles W. Gaines  
HITT GAINES & BOISBRUN, P.C.  
P.O. Box 832570  
Richardson, Texas 75083

Atty. Docket No.: GEVA 6-2-4-21



RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☒ Other Change of Ownership of Patents

Execution Date: \_\_\_\_\_

2. Name and address of receiving party(ies) From:

Name: Agere Systems Inc.

Internal Address: 555 Union Blvd.

Allentown, Pennsylvania 18109

To:

Name: TriQuint Technology Holding Co.

Internal Address: 2300 N E Brookwood Parkway

City: Hillsboro State: OR Zip: 97124

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 09/540,471

B. Patent No.(s) \_\_\_\_\_

10/125,169; 10/062,221; 10/253,162

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Charles W. Gaines

Internal Address: \_\_\_\_\_

Street Address: Hitt Gaines & Boisbrun, PC

P.O. Box 832570

City: Richardson State: TX Zip: 75083

6. Total number of applications and patents involved: ☐ ENCLOSURE

7. Total fee (37 CFR 3.41).....\$ 1,360.00

☒ Enclosed

☐ Authorized to be charged to deposit account

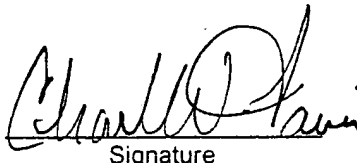
8. Deposit account number: \_\_\_\_\_

**DO NOT USE THIS SPACE**

9. Signature.

Charles W. Gaines

Name of Person Signing

  
Signature

January 27, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 13

A: Patent Application Numbers:

09/540,471	TRIQ-120821
10/125,169	TRIQ-122845
10/062,221	TRIQ-123942
10/253,162	TRIQ-124102
10/253,627	TRIQ-124138
10/273,914	TRIQ-122064
10/199,586	TRIQ-124212
09/703,439	TRIQ-120977
09/993,425	TRIQ-122508
10/057,806	TRIQ-123931A
10/123,671	TRIQ-123931B
09/885,638	TRIQ-121565
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10/028,896	TRIQ-123757
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09/757,099	TRIQ-121076
10/225,649	TRIQ-124236
10/066,926	TRIQ-123570
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09/953,615	TRIQ-122848
10/246,103	TRIQ-122849
10/152,510	TRIQ-124001
09/485,877	TRIQ-115647
09/755,406	TRIQ-119701

A: Patent Application Numbers:

10/253,627  
10/273,914  
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09/953,615  
10/246,103  
10/152,510  
09/485,877  
09/755,406

## APPENDIX G

PATENT APPLICATION ASSIGNMENT

THIS PATENT APPLICATION ASSIGNMENT is made as of January 2, 2003 by AGERE SYSTEMS INC., a Delaware corporation having a principal place of business at 1110 American Parkway, NE, Allentown, Pennsylvania 18109, hereinafter referred to as the ASSIGNOR, and TRIQUINT TECHNOLOGY HOLDING CO., a Delaware corporation with offices at 2300 NE Brookwood Parkway, Hillsboro, OR 97124, hereinafter referred to as the ASSIGNEE.

ASSIGNOR is the owner of certain patent applications identified on Schedule "A" attached hereto (the "ASSIGNED PATENT APPLICATIONS").

ASSIGNEE desires to acquire the entire right, title and interest of ASSIGNOR in and to said ASSIGNED PATENT APPLICATIONS.

For good and valuable consideration paid by the ASSIGNEE, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer to the ASSIGNEE, at ASSIGNEE's sole expense, ASSIGNOR's entire right, title and interest in and to the ASSIGNED PATENT APPLICATIONS, in the U.S. and every foreign country, and all patent rights, including extensions or derivations thereof, both foreign and domestic, that may issue on the ASSIGNED PATENT APPLICATIONS. ASSIGNEE hereby authorizes and requests the Commissioner of Patents that all U.S. patents that issue on the ASSIGNED PATENT APPLICATIONS shall issue to ASSIGNEE. This assignment includes assignment to ASSIGNEE of the right to make application in its own behalf for protection of the ASSIGNED PATENT APPLICATIONS and any patents issued on the ASSIGNED PATENT APPLICATIONS, in the U.S. and countries foreign to the U.S., and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of any earlier U.S. application (or any other application on the invention) to gain priority with respect to other applications. The ASSIGNED PATENT APPLICATIONS and all patents that issue on the ASSIGNED PATENT APPLICATIONS shall be held and enjoyed by the ASSIGNEE, its successors and assigns as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

ASSIGNOR covenants and agrees to execute such further and confirmatory assignments in recordable form as the ASSIGNEE may require to vest record title of said respective ASSIGNED PATENT APPLICATIONS in ASSIGNEE.

IN WITNESS WHEREOF, the ASSIGNOR has caused this Assignment to be executed by a duly authorized officer.

AGERE SYSTEMS INC.

By: Gerard A. deBlasi  
Name: Gerard A. deBlasi  
Title: Vice President

# SCHEDULE A OF PATENT APPLICATION ASSIGNMENT

## ASSIGNED PATENT APPLICATIONS

<i>Full Case Name</i>	<u>IDS</u>	<i>Country</i>	<i>Patent # / Serial #</i>
DA Ackerman 25-24-29-44	118172	CHINA	00137088.X
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S Chandrasekhar 12-23-21-2-2	121565	USA	09/885638
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CHARLES W. GAINES  
P.O. BOX 832570  
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ASSIGNOR:  
GEVA, MICHAEL

DOC DATE: 05/01/2001

ASSIGNOR:  
HOLAVANAHALLI, JAYATITHA N.

DOC DATE: 04/03/2001

ASSIGNOR:  
OUGAZZADEN, ABDALLAH

DOC DATE: 04/03/2001

ASSIGNOR:  
SMITH, LAWRENCE E.

DOC DATE: 04/03/2001

ASSIGNEE:  
AGERE SYSTEMS OPTOELECTRONICS  
GUARDIAN CORPORATION  
9333 S. JOHN YOUNG PARKWAY; ROOM  
301E1211  
ORLANDO, FLORIDA 32819

SERIAL NUMBER: 09757099  
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Name (line 1) Michael Geva

Name (line 2)

**Second Party**

Name (line 1) Jayatirtha N. Holavanahalli

Name (line 2)

Execution Date  
Month Day Year

04 03 2001

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1)

Agere Systems Optoelectronics Guardian Corporation

Name (line 2)

a Corporation of Delaware

Address (line 1)

9333 S. John Young Parkway; Room 301E1211

Address (line 2)

Address (line 3)

Orlando

Florida

32819

City

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Area Code and Telephone Number (972) 480-8800

Name Charles W. Gaines

Address (line 1) Hitt Gaines & Boisbrun, P.C.

Address (line 2) P.O. Box 832570

Address (line 3) Richardson, Texas 75083

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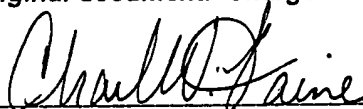
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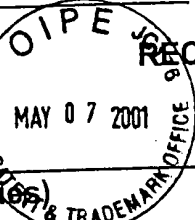
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Name (line 1) Abdallah Ougazzaden

Name (line 2)

Execution Date  
Month Day Year

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Name (line 1) Lawrence E. Smith

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

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Patent Application Number(s)

Patent Number(s)



ASSIGNMENT

For value received, we, Michael Geva, of Sierra Madre in the County of Los Angeles and the State of California, and Jayatirtha N. Holavanahalli, of Macungie in the County of Lehigh and the State of Pennsylvania, and Abdallah Ougazzaden, of Breinigsville in the County of Lehigh and the State of Pennsylvania, and Lawrence E. Smith, of Macungie in the County of Lehigh and the State of Pennsylvania, hereby sell, assign and transfer to Agere Systems Optoelectronics Guardian Corporation, a corporation of the State of Delaware, having an office at 9333 S. John Young Parkway; Room 301E1211, Orlando, Florida 32819, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to "ELECTRONIC DEVICE HAVING A BARRIER REGION INCLUDING ALUMINUM AND A METHOD OF MANUFACTURE THEREFOR" described in an application for Letters Patent of the United States, executed by us filed 01/08/2001, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Agere Systems Optoelectronics Guardian Corporation the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Agere Systems Optoelectronics Guardian Corporation to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Agere Systems Optoelectronics Guardian Corporation to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Agere Systems Optoelectronics Guardian Corporation in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Optoelectronics Guardian Corporation may designate.

We agree that, when requested, we shall, without charge to Agere Systems Optoelectronics Guardian Corporation but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Michael Geva  
Michael Geva

STATE OF CALIFORNIA  
COUNTY OF Los Angeles

§  
§  
§

On this 1<sup>ST</sup> day of MAY, 2001, before me personally came Michael Geva, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.



Sarah S. Cholko  
Notary Public

My Commission Expires:  
JUNE 24, 2003

Jayathirna Holavanahalli  
Jayathirtha N. Holavanahalli 04/23/01

STATE OF Pennsylvania  
COUNTY OF Lehigh

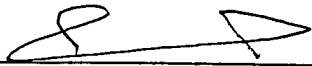
§  
§  
§

On this 3rd day of April, 2001, before me personally came Jayathirtha N. Holavanahalli, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger  
Notary Public

My Commission Expires:

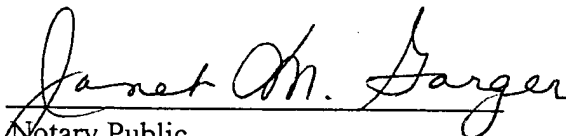
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Janet M. Garger, Notary Public  
Allentown, Lehigh County  
My Commission Expires Dec. 28, 2004  
Member, Pennsylvania Association of Notaries

  
Abdallah Ougazzaden 04/03/2001

STATE OF Pennsylvania  
COUNTY OF Lehigh

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§  
§

On this 3rd day of April, 2001, before me personally came Abdallah Ougazzaden, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

My Commission Expires:

Notarial Seal  
Janet M. Garger, Notary Public  
Allentown, Lehigh County  
My Commission Expires Dec. 28, 2004  
Member, Pennsylvania Association of Notaries

Lawrence E. Smith  
Lawrence E. Smith 4/3/2001

STATE OF Pennsylvania §  
COUNTY OF Lehigh §  
§

On this 3rd. day of April, 2001, before me personally came Lawrence E. Smith, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger  
Notary Public

My Commission Expires:

Notariat Seal  
Janet M. Garger, Notary Public  
Allentown, Lehigh County  
My Commission Expires Dec. 28, 2004  
Member, Pennsylvania Association of Notaries

Agere Systems Optoelectronics Guardian Corporation  
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Miami Lakes, Florida 33014